

National Agricultural Statistics Service

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Hawaii Crop Weather

A weekly review of Hawaii's weather and general agricultural situation

Crop Conditions Remained Fair to Good



Weather review

Weather conditions remained beneficial for crop growth during the week ending Sunday, July 18. Days were mostly sunny and dry with high temperatures reaching the upper eighties. Light-to-moderate trade winds brought some clouds and light showers to the upper elevations. In general, crops were in fair-to-good condition throughout the week.

Hawaii county

Weather conditions were generally favorable for crops during the week ending July 16th. Hilo and Puna were mostly hot and humid with occasional passing showers and clouds. Hamakua was sunny

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with light, passing showers. Soil moisture was adequate and most non-irrigated crops were making good progress. Hamakua had sunny skies with light, passing showers. In Waimea, Lalamilo was very dry. Puukapu was mostly sunny with some clouds and light showers. Light showers in the upper Waimea water shed kept irrigation supplies adequate. Kona continued to receive sunny mornings and cloudy afternoons. Central and southern sections received good showers early in the week. Ka'u was mostly sunny and dry throughout the week. Upper sections had cloudy afternoons and very light showers. The Volcano area had cloudy skies, light showers, and some sunny periods. Fields were wet and muddy.

Maui county

Maui island received mostly fair weather with occasional windward showers. Central sections also received passing showers. The warm weather continued to benefit crops, but increased irrigation was necessary for some crops. Leeward and some Upcountry pastures could also use more rainfall.

Honolulu county

Weather conditions were good for crop progress during the week. Sunny days with light-to-moderate trade winds prevailed for most of

the week. Temperatures remained relatively high with some cooling in the evening and early-morning hours. Fruit and vine crops were in good condition. Leafy crops made good-to-fair progress. Spraying for insect infestation and disease prevention were at light-to-moderate levels. In windward areas, conditions were hot and humid during the day. Evenings and early mornings were slightly cooler with scattered light showers.

Kauai county

Weather conditions were good for crop progress with continued sunny days and light showers. Most of the shower activity occurred in windward and upper-elevation areas. Trade winds were moderate and helped keep temperatures cool at night and in the early-morning hours. Planting and harvesting activities remained steady. Orchard crops were in fair-to-good condition and made good development. Spraying for insect and weed control were stepped up. Leafy crops were in good condition.

July 19, 2004

Time released: 3:00 p.m.



Agricultural highlights

Fruits

Bananas

Warm days and light showers benefitted East Hawaii orchards. Spraying was necessary to control Black Leaf Streak disease. Young fields were making good progress. Harvest was active with good quality and yields. On Oahu, windward orchards remained in mostly fair condition due to disease infections and the adverse effects of the past wet and windy weather. Bunchy top disease continued to infect windward and central Oahu fields, forcing growers to rogue trees and spray for aphids. Kauai's orchards were in fair-to-good condition with good fruit development and ripening. Harvesting was moderate to heavy for on-island sales. Warm temperatures and light-to-moderate showers were favorable for orchard development.

Papaya

Sunny days and frequent passing showers benefitted orchard growth. Mature Rainbow orchards had full fruit columns and large fruits, while Kapoho Solo orchards had smaller fruit columns and fruits. Regular spraying was needed to control insects and diseases. Very young trees in Opihikao and Kapoho were making good progress. Rainbow harvest is increasing, while Kapoho Solo production is light. Trees on Oahu were still recovering from past months' rains. New plantings were in mostly good condition.

Increased spraying was necessary to control diseases and insects. Orchards on Kauai made fair progress. Spraying for insect infestation and disease control were back on schedule.

Vegetables

Chinese cabbage

The Waimea crop was in generally fair-to-good condition. Heavy irrigation ensured normal crop progress. Light disease damage was noticed in some mature fields. Medium to large heads were harvested. New plantings were making steady progress.

Head cabbage

The Waimea crop was making steady progress with irrigation. Crop condition was mostly fair to good with light insect and disease damage. Harvest was active in Volcano with small yields. Crop condition was fair with new plantings making slow progress. On Maui, the warm climate enhanced good growth and development. Increased irrigation was needed for lower elevation fields. Insect activity was increasing, but damage continued to be minimal with close monitoring and timely spraying. New fields on Oahu were in fair to good condition.

Cucumbers

Crop condition was fair to good in East Hawaii fields. Light showers and sunshine benefitted vine and fruit development. Harvest was active, but supplies were light due to small acreage. Windward Oahu fields were in mostly fair-to-good condition. Disease continued to

affect both young and old plantings. Young plantings were in mostly fair-to-good condition despite humid conditions. Planting and harvesting activities remained steady in the central areas of Oahu. New fields were in good condition.

Sweet corn

The young crop in East Hawaii made good progress due to favorable weather. Sunny days with light, passing showers enhanced plant growth. Wainaku harvest continues. Crop conditions were mostly fair to good for fields in windward Oahu as weather continues to warm up and day length increases. New plantings were in mostly fair-to-good condition due to excess soil moisture in some fields. Harvesting was nearly back to normal levels. On Kauai, planting made good progress. Harvesting activities anticipated to be moderate.

Dry onion

Dry weather conditions benefitted all phases of the growth and development on Maui. Average bulb size also increased and contributed to the gradually increasing yields. There were no detrimental field conditions reported.

Other Crops

Ginger root

Young crop was in generally good condition with adequate soil moisture. Fertilizing, weeding and some mounding is occurring. Insect and disease damage was light.

Precipitation for week ending July 18, 2004
Daily, weekly, and year-to-date precipitation totals for selected Hawaii stations.^{1/}

Station name and identification number	24-Hour totals at 8 a.m.							Weekly total	Total since Jan. 1
	Mon	Tue	Wed	Thu	Fri	Sun	Sun		
<i>Inches</i>									
Island of Hawaii									
1. Kamuela (HI86)	0.00	0.01	0.06	M	0.00	0.00	M	0.07	58.29
2. Kealahou (HI84)	1.00	0.14	0.15	M	0.15	0.01	M	1.45	43.29
3. Laupahoehoe (HI80)	0.00	0.06	0.51	M	0.05	0.19	M	0.81	89.58
4. Mountain View (HI81)	0.12	0.37	0.95	M	0.11	0.03	M	1.58	108.31
5. Pahala (HI85)	0.00	0.00	0.00	M	0.00	0.00	M	0.00	35.45
6. Pahoa (HI83)	0.15	0.35	0.46	M	0.03	0.25	M	1.24	86.92
Island of Maui									
7. Hana (HI61)	M	M	M	M	M	M	M	0.00	94.40
8. Kula (HI65)	0.00	0.00	0.00	M	0.00	0.00	M	0.00	22.81
9. Lahainaluna (HI60)	0.00	0.00	0.01	M	0.00	0.00	M	0.01	21.50
10. Wailuku (HI60)	0.00	0.00	0.00	M	0.02	0.01	M	0.03	35.97
Island of Oahu									
11. Kahuku (HI09)	0.00	0.00	0.01	M	0.02	0.00	M	0.03	27.80
12. Mililani (HI14)	0.01	0.28	0.01	M	0.05	0.01	M	0.36	31.27
13. Waianae (HI17)	0.00	0.00	0.00	M	0.00	0.00	M	0.00	16.87
14. Waimanalo (HI13)	0.08	0.07	0.02	M	0.05	0.02	M	0.24	45.54
Island of Kauai									
15. Anahola (HI48)	0.01	M	M	M	0.03	0.00	M	0.04	26.11
16. Hanalei (HI45)	0.01	0.25	0.11	M	0.04	0.01	M	0.42	62.01
17. Omao (HI51)	M	M	M	M	0.23	0.02	M	0.25	40.71

Refer to notes at bottom of page.

Monthly Trend for Selected Stations
Comparison of 2004 cumulative monthly and annual totals with average monthly totals for selected stations.^{1/}

Station name		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<i>Inches</i>														
1. Kamuela	2004	6.4	4.7	27.8 _p	13.5	4.2	1.0	0.4 _p	0.0	0.0	0.0	0.0	0.0	58.2 _p
	Average	6.6	6.0	7.9	6.9	4.0	2.2	3.7	4.1	2.2	3.3	5.8	7.3	60.0
2. Kealahou	2004	4.4	5.9	1.6 _p	15.0	7.1	5.4	3.6 _p	0.0	0.0	0.0	0.0	0.0	43.2 _p
	Average	4.7	3.4	5.6	6.2	7.7	8.2	8.7	8.3	8.2	6.2	4.4	3.4	75.0
6. Pahoa	2004	16.0	10.4	30.6 _p	15.6	4.8	6.6	2.6 _p	0.0	0.0	0.0	0.0	0.0	86.9 _p
	Average	13.9	10.9	10.5	13.9	10.5	7.1	9.8	10.6	9.2	11.5	13.3	14.6	140.0
7. Hana	2004	20.6	22.7	26.9 _p	8.5	15.5	0.0	0.0 _p	0.0	0.0	0.0	0.0	0.0	94.4 _p
	Average	8.5	5.7	9.1	7.5	5.9	4.1	5.9	5.8	6.1	7.3	8.0	6.1	80.0
8. Kula	2004	7.3	2.0	7.0 _p	1.4	4.1	0.7	0.0 _p	0.0	0.0	0.0	0.0	0.0	22.8 _p
	Average	3.5	3.0	2.5	1.6	1.1	0.8	0.8	0.8	1.1	1.5	2.3	3.3	22.3
11. Kahuku	2004	6.5	5.7	3.4 _p	1.5	8.5	1.6	0.3 _p	0.0	0.0	0.0	0.0	0.0	27.8 _p
	Average	6.6	6.0	7.9	6.9	4.0	2.2	3.7	4.1	2.2	3.3	5.8	7.3	45.0
13. Waianae	2004	2.9 _p	7.1	3.2 _p	0.4	2.6	0.4	0.0 _p	0.0	0.0	0.0	0.0	0.0	16.8 _p
	Average	3.8	2.3	2.5	1.6	0.7	0.3	0.3	0.7	0.7	1.8	2.0	3.3	20.0
17. Omao	2004	6.2	8.5	11.1 _p	6.5	5.2 _p	2.7	0.2 _p	0.0	0.0	0.0	0.0	0.0	40.7 _p
	Average	6.9	4.5	5.5	5.2	4.2	3.4	4.7	4.6	3.7	4.7	5.9	6.7	60.0

^{1/} Rainfall stations were selected from the National Weather Service's Hydronet system of automated rain gauges. All data has not been quality controlled to date, and therefore is not certified by the National Weather Service.

M = Missing. p = Partial or incomplete. e = Estimated.